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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,594	04/16/2004	Yun-Bok Lee	8734.297.00 US	7791
30827 75	590 04/06/2006	EXAMINER		
	LONG & ALDRIDG	DUONG, TAI V		
1900 K STREE	•	ART UNIT	PAPER NUMBER	
WASHINGTON, DC 20006			2871	
			DATE MAILED: 04/06/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

•		Applicati	on No.	Applicant(s)	
		10/825,5	10/825,594 LEE, YUN-BOK		
Office Action Summary		Examine	r	Art Unit	
		Tai Duon	9	2871	
Period for	The MAILING DATE of this commun.	ication appears on th	e cover sheet with	the correspondence a	ddress
A SHC WHICI - Extens after S - If NO p - Failure Any re	DRTENED STATUTORY PERIOD FOR HEVER IS LONGER, FROM THE MISSIONS of time may be available under the provisions IX (6) MONTHS from the mailing date of this commode to reply is specified above, the maximum state to reply. Within the set or extended period for reply ply received by the Office later than three months and patent term adjustment. See 37 CFR 1.704(b).	AILING DATE OF TI of 37 CFR 1.136(a). In no ex nunication. atutory period will apply and v will, by statute, cause the app	HIS COMMUNICA rent, however, may a rep rill expire SIX (6) MONTH Dication to become ABAN	ATION. ly be timely filed HS from the mailing date of this of NDONED (35 U.S.C. § 133).	
Status					
2a)☐ 3)☐ :	Responsive to communication(s) file This action is FINAL. Since this application is in condition closed in accordance with the practic	2b)⊠ This action is r for allowance excep	t for formal matter		e merits is
Dispositio	on of Claims				
5)	Claim(s) <u>1-58</u> is/are pending in the a ca) Of the above claim(s) is/are Claim(s) is/are allowed. Claim(s) is/are rejected. Claim(s) is/are objected to. Claim(s) <u>1-58</u> are subject to restriction	re withdrawn from co			
Application	on Papers				
10)□ T	The specification is objected to by the first drawing(s) filed on is/are: Applicant may not request that any objected to the first drawing sheet(s) including the oath or declaration is objected to	a) accepted or b ction to the drawing(s) the correction is requi	be held in abeyance red if the drawing(s)	e. See 37 CFR 1.85(a).) is objected to. See 37 C	
Priority u	nder 35 U.S.C. § 119				
12)⊠ A a)⊠	Acknowledgment is made of a claim All b) Some * c) None of: Certified copies of the priority Certified copies of the priority Copies of the certified copies application from the Internation of the attached detailed Office action	documents have been documents have been of the priority documental Bureau (PCT Ru	en received. en received in Appents have been re le 17.2(a)).	plication No eceived in this Nationa	ıl Stage
2) Notice 3) Inform	(s) of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (Plation Disclosure Statement(s) (PTO-1449 or No(s)/Mail Date			Mail Date ormal Patent Application (PT	O-152)

Election/Restrictions

This application contains claims directed to the following patentably distinct species:

A: claims 1-9, 18-28, 37-40 and 44-46 drawn to an array substrate and a method of fabricating wherein one of the plurality of common electrode patterns and one of the plurality of pixel electrode patterns form concentric rings of pixel and common electrode patterns that are within an open region of another one of the plurality of common electrode patterns.

B: claims 10-17, 41 and 42 drawn to an array substrate and a method of fabricating wherein one of the plurality of common electrode patterns has two symmetric half-ring shaped portions and one of the plurality of pixel electrode patterns has two symmetric half-ring shaped portions that are concentrically arranged within an open region of another one of the plurality of common electrode patterns.

C: claims 29-36 and 43 drawn to an array substrate and a method of fabricating wherein the first common electrode pattern has corner portions and defines an open region that has a substantially rectangular shape, and the second common electrode pattern has a spiral shape and the second pixel electrode pattern has a spiral shape.

D: claims 47-58 drawn to an array substrate and a method of fabricating wherein the innermost pixel electrode pattern is shaped like a rod and disposed within an area of the pixel connecting line, wherein the pixel electrode overlaps portions of the pixel connecting line and directly contacts the pixel connecting line, wherein other pixel electrode patterns are patterned to have semicircular shapes, and wherein the

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semiconductor line extends underneath the source and drain electrodes, the pixel connection line and the capacitor electrode, wherein an innermost portion of the plurality of common electrode patterns is substantially circular band shaped, and wherein the aperture area is circular band shaped.

The species are independent or distinct because they are mutually exclusive.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, none of the claims is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species.

MPEP § 809.02(a).

Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

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Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Any inquiry concerning this communication should be directed to Tai Duong at telephone number (571) 272-2291.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

TVD

04/06

TARIFUR

Primary

Examiner